

Title (en)

Surgical stapling apparatus including buttress attachment via tabs

Title (de)

Chirurgische Klammervorrichtung mit Versteifungsaufsatz über Laschen

Title (fr)

Appareil d'agrafage chirurgical comprenant une fixation de renfort via des languettes

Publication

EP 2644127 A1 20131002 (EN)

Application

EP 13173985 A 20121213

Priority

- US 201113325501 A 20111214
- EP 12196911 A 20121213

Abstract (en)

An apparatus for joining two hollow organ sections with an annular array of surgical staples, the apparatus comprising: a staple cartridge component (670) including a plurality of surgical staples (672) in an annular array; an anvil component (60) defining a plurality of staple pockets for forming the surgical staples, the anvil component movable relative to the staple cartridge component between spaced apart and approximated positions to adjustably clamp the organ sections between the staple cartridge and anvil components; a knife member concentrically arranged in the staple cartridge component, the knife member movable relative to the staple cartridge component; and a buttress component (600) including a buttress member concentrically aligned with the plurality of surgical staples and a plurality of circumferentially arranged tabs (620) extending proximally from the buttress member, the plurality of tabs and the staple cartridge component having corresponding attaching members (630a, 630b) for securing the plurality of tabs to the staple component.

IPC 8 full level

A61B 17/072 (2006.01); **A61B 17/115** (2006.01); **A61B 17/00** (2006.01)

CPC (source: CN EP US)

A61B 17/068 (2013.01 - CN US); **A61B 17/072** (2013.01 - CN EP US); **A61B 17/07207** (2013.01 - CN US);
A61B 17/07292 (2013.01 - CN EP US); **A61B 17/105** (2013.01 - CN US); **A61B 17/115** (2013.01 - CN EP US);
A61B 17/1155 (2013.01 - CN EP US); **A61B 2017/00477** (2013.01 - CN EP US); **A61B 2017/07214** (2013.01 - US);
A61B 2017/07271 (2013.01 - CN US)

Citation (applicant)

- US 6053390 A 20000425 - GREEN DAVID T [US], et al
- US 5588579 A 19961231 - SCHNUT ROBERT H [US], et al
- US 5119983 A 19920609 - GREEN DAVID T [US], et al
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Citation (search report)

- [X] US 2005059996 A1 20050317 - BAUMAN ANN M [US], et al
- [A] WO 2006044490 A2 20060427 - TYCO HEALTHCARE [US], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2604195 A1 20130619; CA 2795786 A1 20130614; CN 103156659 A 20130619; CN 103156659 B 20170412; CN 105962980 A 20160928;
CN 106913364 A 20170704; CN 106913364 B 20190604; EP 2644127 A1 20131002; EP 2644127 B1 20180711; EP 2644128 A1 20131002;
EP 2644128 B1 20200513; EP 2712556 A1 20140402; EP 2712556 B1 20190206; ES 2795819 T3 20201124; JP 2013123643 A 20130624;
JP 2017012904 A 20170119; JP 2017012905 A 20170119; JP 6091179 B2 20170308; JP 6293234 B2 20180314; US 10321908 B2 20190618;
US 2013153634 A1 20130620; US 2015164506 A1 20150618; US 2015164507 A1 20150618; US 2016106430 A1 20160421;
US 8967448 B2 20150303; US 9237893 B2 20160119; US 9277922 B2 20160308

DOCDB simple family (application)

EP 12196911 A 20121213; CA 2795786 A 20121115; CN 201210545228 A 20121214; CN 201610279682 A 20121214;
CN 201710142037 A 20121214; EP 13173985 A 20121213; EP 13173986 A 20121213; EP 13195919 A 20121213; ES 13173986 T 20121213;
JP 2012255242 A 20121121; JP 2016209441 A 20161026; JP 2016209442 A 20161026; US 201113325501 A 20111214;
US 201514635514 A 20150302; US 201514635556 A 20150302; US 201514984047 A 20151230